

Figure 1

ORIGIN

```

1 mqr1gatllc lllaaavpta papaptatsa pvkpgpalsy pqueatlne freveelmed
61 tqhklrsave emeaeaaaak assevnlanl ppsyhnetnt dtkvgntti vhreihkitn
121 nqtgqmvfse tvitsvgdee grshecidi edcgpsmycq fasfqytcqp crgqrm1ctr
181 dseccgdqlc vwghctkmat rgsngticdn qrdcqpplcc afqrgllfpv ctplpvegel
241 chdpasrild litwelepdg aldrpcasg llcqphshsl vyvckptfv srdqdgell
301 prevpdeyev gsfmeevrqe ledlerslte emalgepaaa aaallggee

```

Figure 2

BASE COUNT

625 a

618 c

668 g

567 t

1 others

ORIGIN

```

1 ggcacgaggg ggcggcggt gcgggcgag agcgagatg cagcggttg gggccaccct
61 gctgtgcttg ctgctggcg ggcgggtccc cagcgcccc cgcggcgctc cgacggcgag
121 ctcggtcca gtcaggccc gccgggtctt cagctacccg caggaggagg ccaccctcaa
181 tgagatgttc cgcgaggttg aggaactgat ggaggacacg cagcacaaat tgcgcagcgc
241 ggtggaagag atggaggcag aagaagctgc tgctaaagca tcatcagaag tgaacctggc
301 aaacttacct ccagctatc acaatgagac caacacagac acgaaggttg gaaataatac
361 catccatgtg caccgagaaa ttcacaagat aaccaacaac cagactggac aaatggtctt
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481 catcgacgag gactgtgggc ccagcatgta ctgccagttt gccagcttcc agtacacctg
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601 gctgtgtgtc tgggggtcact gcacaaaaat ggccaccagg ggcagcaatg ggaccatctg
661 tgacaaccag agggactgcc agcgggggct gtgctgtgct tccagagag gcctgtgtt
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781 tctggacctc atcacctggg agctagagcc tgatggagcc ttggaccgat gcccttgtgc
841 cagtggcctc ctctgccagc cccacagcca cagcctgggt tatgtgtgca agccgacctt
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1021 gactgaagag atggcgctgg gggagcctgc ggctgcccgc gctgactgct tgggagggga
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1141 cccangtgt gtgctttaag cgtgggctga ccaggcttct tctacatct tcttccagt
1201 aagtttcccc tctggcttga cagcatgagg tgttgtgcat ttgttcagct cccccaggct
1261 gttctccagg cttcacagt tgggtcttgg gagagtcagg cagggttaaa ctgcaggagc
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1561 gccttcagct gttgcagatg aaatgttctg ttcaccctgc attacatgtg ttattcatc
1621 cagcagtgtt gctcagctcc tacctctgtg ccagggcagc attttcatat ccaagatcaa
1681 ttccctctct cagcacagcc tggggagggg gtcattgttc tctcgtcca tcagggattt
1741 cagaggctca gagactgcaa gctgcttgcc caagtacac agctagtga gaccagagca
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1861 tgccacaaa agtgctcccc aaaaggaagg agaatgggat ttttctttt aggcattgac
1921 atctggaatt aaggtcaaac taattctcac atccctctaa aagtaacta ctgttaggaa
1981 cagcagtgtt ctcacagtgt ggggcagccg tcttctaat gaagacaatg atattgacac
2041 gttccctctt tggcagttgc attagtaact ttgaaaggta tatgactgag cgtagcatatc
2101 aggttaacct gcagaaacag tacttaggta attgtagggc gaggattata aatgaaattt
2161 gcaaaatcac ttagcagcaa ctgaagacaa ttatcaacca cgtggagaaa atcaaacgga
2221 gcagggtgtg gtgaaacatg gttgtaatat gcgactgcga acactgaact ctacgccact
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2341 taaagttaa agttgcacat gattgtataa gcatgctttc tttgagttt aaattatgta
2401 taaacataag ttgcatttag aaatcaagca taaatcactt caactgctaa aaaaaaaaaa
2461 aaaaaaaaaa aaaaaaaaaa

```

Figure 3

DQDGEILLPR

Figure 4

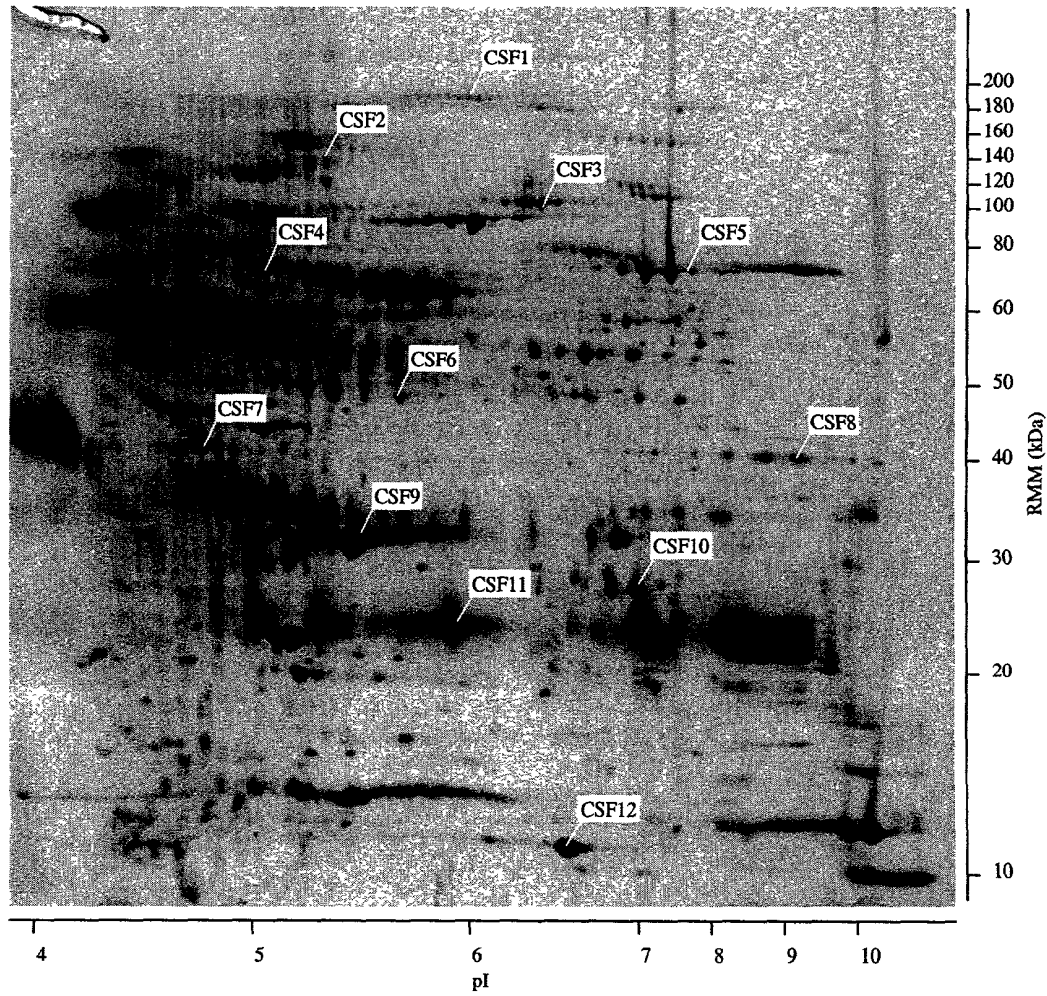


Figure 5

